

### **Amendments of the Claims:**

A detailed listing of all claims in the application is presented below. This listing of claims will replace all prior versions, and listings, of claims in the application. All claims being currently amended are submitted with markings to indicate the changes that have been made relative to immediate prior version of the claims. The changes in any amended claim are being shown by strikethrough (for deleted matter) or underlined (for added matter).

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)
17. (Cancelled)
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)
22. (Previously Presented) The method of claim 25, wherein the memory medium also stores data from breathing maneuvers carried out.
23. (Previously Presented) The method of claim 25, wherein the step of inputting further comprises the substep of receiving the individual patient parameters through a modem.
24. (Previously Presented) The method of claim 25, wherein the step of inputting further comprises the substep of manually inputting the individual patient parameters.
25. (Previously Presented) A method for administering a controlled inhalation of therapeutic aerosols for a patient during breathing maneuvers comprising the steps of:
- inputting into a device a plurality of individual patient parameters for the patient for the inhalation, comprising the substeps of:
- inserting a memory medium into the device; and
- storing the individual patient parameters on the memory medium before the inhalation; and
- adjusting individual aerosol doses administered by the device on the basis of the individual patient parameters, comprising the substeps of:
- evaluating the individual patient parameters for the inhalation; and

adjusting a respiratory flow or a tidal volume of the inhalation device  
based on the individual patient parameters.

26. (Cancelled)

27. (Cancelled)

28. (Previously presented) The method of claim 25, wherein the step of adjusting is  
accomplished using at least one valve.

29. (Previously Presented) The method of claim 25, wherein the memory medium is selected  
from the group consisting of:

a) a SmartCard;

b) a FlashCard; and

c) a SmartLabel.

30. (Previously Presented) The method of claim 25, wherein the memory medium is  
reprogrammable such that the individual patient parameters stored on the memory  
medium are adapted if a pulmonary function of the patient changes.

31. (Previously Presented) The method of claim 25, wherein the step of inputting further  
comprises the substep of storing a plurality of aerosol parameters for the inhalation on the  
memory medium before the inhalation.

32. (Previously Presented) The method of claim 31, wherein the step of adjusting further  
comprises the substeps of evaluating the aerosol parameters for the inhalation and  
adjusting the respiratory flow or the tidal volume of the inhalation device based on the  
aerosol parameters.

33. (Previously Presented) The method of claim 31, wherein the step of inputting further  
comprises the substep of receiving the aerosol parameters for the inhalation through a  
modem.

34. (Previously Presented) The method of claim 31, wherein the step of inputting further comprises the substep of manually inputting the aerosol parameters for the inhalation.
35. (Previously Presented) The method of claim 25, wherein the memory medium also stores an action blockage pre-setting such that a period of time lapses between successive inhalations to prevent an overdose.
36. (New) The method of claim 25, wherein the substep of storing the individual patient parameters on the memory medium occurs prior to the substep of inserting the memory medium into the device.